

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091518\
 Data File : VW005383.D
 Acq On : 14 Sep 2018 13:32
 Operator : SY/AP
 Sample : J4885-04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 5:39:52 PM

Quant Time: Sep 14 23:29:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091318S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 23:16:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	264083	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	265510	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	130020	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	64597	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
7) Chloroethane-d5	2.89	69	50552	23.46	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
10) 1,1-Dichloroethene-d2	4.03	63	88292	16.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.88%
20) 2-Butanone-d5	7.09	46	48803	42.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.02%
24) Chloroform-d	7.65	84	118179	23.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	8.31	65	79795	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.32%
29) Benzene-d6	8.28	84	240355	22.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.20%
33) 1,2-Dichloropropane-d6	9.28	67	71617	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	10.33	98	240296	22.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.00%
38) trans-1,3-Dichloropropene-	10.59	79	34978	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.93	63	38016	40.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.26%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	70691	22.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	97568	25.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.00%

Target Compounds					Ovalue
13) Acetone	4.15	43	4434m	4.11 ug/L	
16) Methylene chloride	4.92	84	10402	2.07 ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

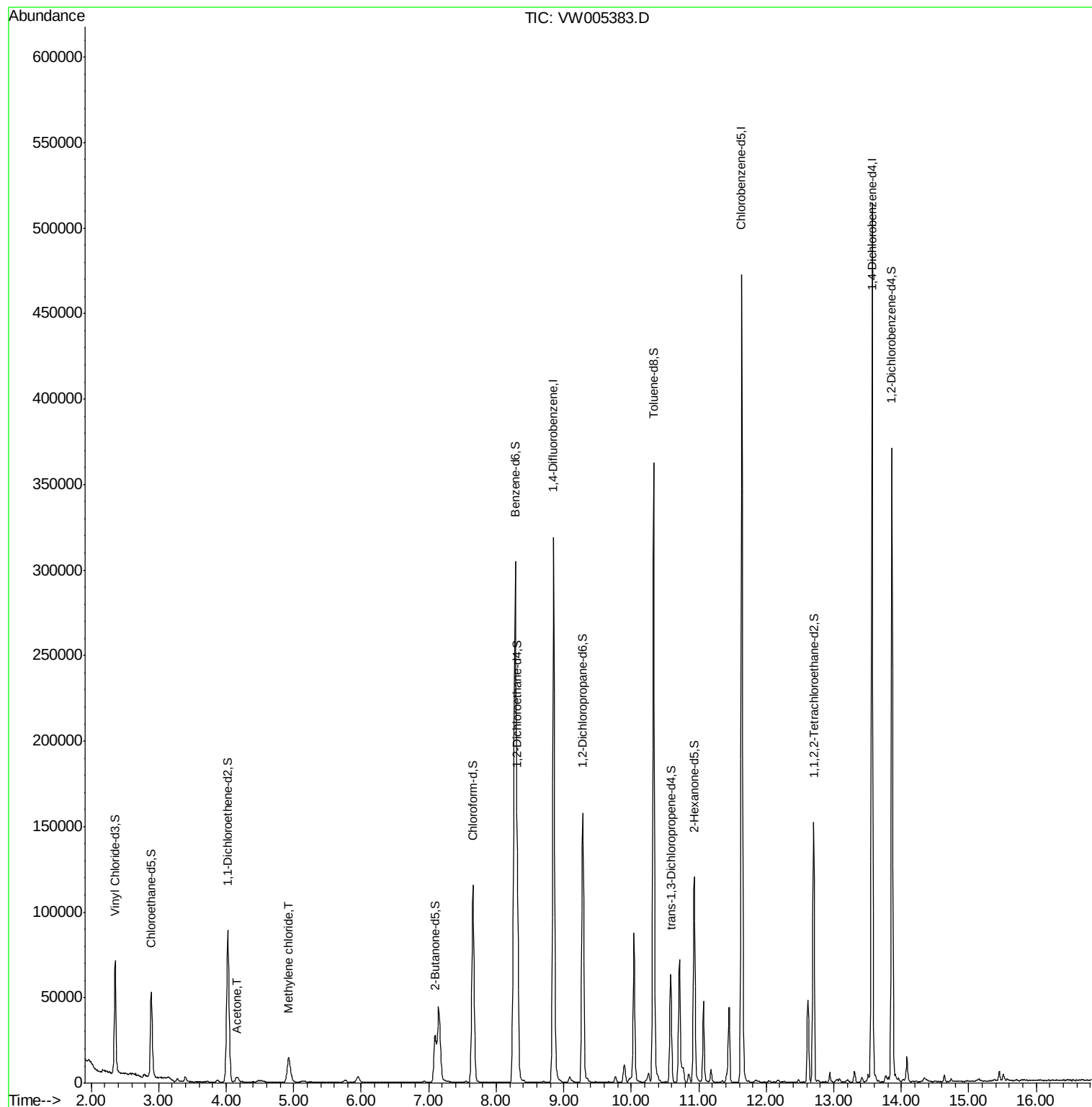
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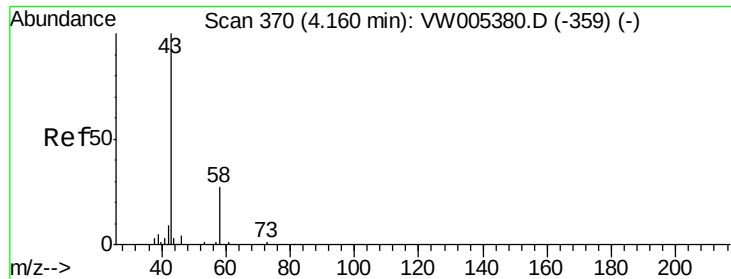
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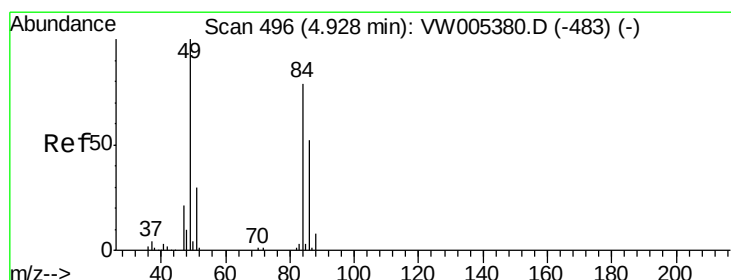
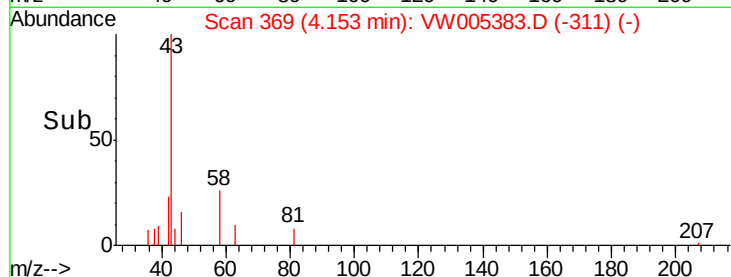
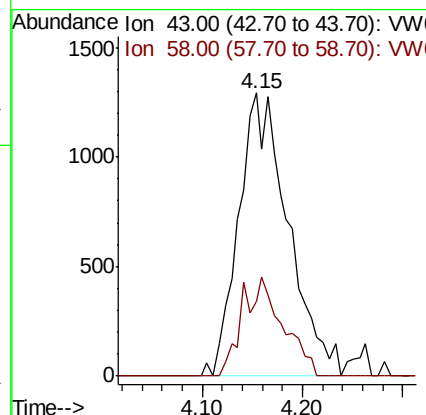
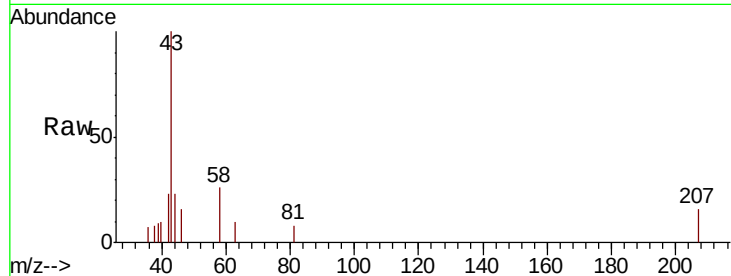
#13
Acetone
Concen: 4.11 ug/L m
RT: 4.15 min Scan# 369
Delta R.T. 0.02 min
Lab File: VW005383.D
Acq: 14 Sep 2018 13:32

Instrument :
MSVOA_W
ClientSampled :
VHBLK01

Tot Ion: 43 Resp: 4434
Ion Ratio Lower Upper
43 100
58 8.7 0.0 57.6

Manual Integrations
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#16
Methylene chloride
Concen: 2.07 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005383.D
Acq: 14 Sep 2018 13:32

Tgt Ion: 84 Resp: 10402
Ion Ratio Lower Upper
84 100
49 126.3 90.9 168.7
86 65.1 43.6 81.0

